

Construction Advisory Sandy Landing Road/ Rockville Water Treatment Plant

Project Description: Beginning in December, the City of Rockville will be constructing upgrades at the Water Treatment Plant, 10930 Sandy Landing Rd., Potomac, Md. Vehicular access to the plant for trucks and heavy equipment will occur along Sandy Landing Road.

Work will be conducted from 7 a.m.- 4 p.m., Monday through Friday.

Purpose: As part of the City of Rockville's Capital Improvements Program, these upgrades include construction of a ferric chloride feed system, gravity thickener and air scour system. Ferric chloride is a coagulant that is added to the water treatment process. It will improve organics removal from the raw water, thus reducing disinfection byproducts formation in the water distribution system. The ferric chloride feed system is required to help the City comply with the Environmental Protection Agency Stage 2 Disinfection Byproducts Rule. The gravity thickener is required to increase the capacity of solids processed at the Water Treatment Plant. The air scour upgrades will improve the existing filter system—related to backwash process efficiency—and filtration performance. These construction upgrades will ensure continued high quality water service to Rockville residents and businesses.

Location: Rockville Water Treatment Plant, 10930 Sandy Landing Rd., Potomac, Md.

Timeline: The City's contractor, CPP Construction Company, will begin mobilization during the week of Dec. 2. The work is expected to be completed within 18 months of commencement. Project end date is expected by June 2015.

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